

DESERT AIR MONITOR



A PUBLICATION OF THE MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

NOMINATIONS FOR *EXEMPLAR* AWARDS NOW OPEN

Help us recognize those who have made great strides towards cleaner air!

The MDAQMD is now accepting nominations for the 2008-2009 *Exemplar* Awards, the District's 13th annual air quality achievement awards.

According to Webster's Dictionary, the word "Exemplar" may be used to describe that which serves as a model, ideal or example worthy of imitation by others. Hence, the *Exemplar* Awards recognize High Desert entities that demonstrate an exceptional commitment to clean air through the development of voluntary activities/projects that reduce or prevent air pollution within the MDAQMD's jurisdiction, which encompasses San Bernardino County's High Desert and Riverside County's Palo Verde Valley. The *Exemplar* Awards are presented annually by the District in association with National Pollution Prevention Week which this year, runs September 21st through September 27th, 2009.

Last fall, the City of Barstow received the *Exemplar* Award for its success in developing natural gas

infrastructure and promoting the use of natural gas vehicles in the Mojave Desert. In 2005, the City of Barstow constructed the area's first public-access liquefied natural gas/compressed natural gas fueling station. Since the facility's opening, private vehicles in the city and throughout the region have become regular users of the station, while the City has replaced 14 of its own transit vehicles to CNG, with even more replacements scheduled.

For complete eligibility requirements or to obtain an *Exemplar* nomination packet, visit the District's website at www.mdaqmd.ca.gov. All entries must be postmarked or date-stamped by MDAQMD staff no later than Thursday, August 20, 2009 by 5:00 P.M.

For more information, contact Violette Roberts, Community Relations & Education Manager, at (760) 245-1661, ext. 6104.

MDAQMD LAUNCHES AIR QUALITY E-MAIL ALERT SYSTEM

ENVIROFLASH DELIVERS INFORMATION TO USERS' INBOXES

Just in time for ozone season, the MDAQMD has launched **EnviroFlash**, an e-mail alert system that delivers air quality forecasts and health advisories straight into subscribers' inboxes.

By visiting the District's website at www.mdaqmd.ca.gov and clicking on the "EnviroFlash" link, residents can sign up to receive e-mail notifications with Local Air Quality Index (AQI) forecasts for any of six cities where the MDAQMD maintains air monitoring stations. Subscribers can choose to receive daily air quality information for Victorville, Hesperia, Phelan, Barstow, 29 Palms or Trona – or receive alerts only when air quality levels become unhealthy.

For the High Desert, the months between May and October are considered the region's "ozone season," since levels of ozone – the main component of smog – become most elevated during these hot summer months, when smog from the Los Angeles basin is windblown into the region.



EnviroFlash also provides special alerts during exceptional air quality events, such as wildfires and high wind episodes. Members of susceptible groups – such as older adults, people with respiratory or heart diseases, people who are active outdoors and children – will find the automated alerts particularly helpful in planning/modifying their outdoor activities during episodes of elevated ozone or particulate matter.

Signing up for EnviroFlash is free and easy, and only requires an e-mail address and a zip code. EnviroFlash information will not be shared with other organizations, and subscribers can change their e-mail preferences at any time. For more information or to sign up, visit www.mdaqmd.ca.gov today!

IN THIS ISSUE

Page

Nominations for *Exemplar* Awards Now Open1

MDAQMD Launches AQ E-Mail Alert System.....1

MDAQMD Welcomes Five New Board Members2

State Adopts Recommendation to Revise MD Ozone Non-Attainment Area Designations2

Get Cash For Scrap – MDAQMD's Vehicle Buy Back Program Coming Soon!3

MDAQMD Releases "The Adventures of Parti and Ozi"3

Governor's Office of Planning & Research Releases Preliminary Draft CEQA Guidelines for GHG Emissions3

CoolCalifornia.org.....3

Register for CDAWG 2009 Today!4-5

Shooting The Breeze6-7

Outreach Update8-9

Pollution Prevention Week Poster Contest10

District Donates Alternate Patrol Vehicles to VVC Campus11

ARB Offers FREE In-Use Off Road Diesel Vehicle Regulation Training11

Reminder: Vapor Recovery Advisory – Phase II Deadline Passes12



The Desert Air Monitor
is a publication of the
Mojave Desert AQMD

Eldon Heaston
Executive Director

Governing Board

Bob Sagona, Chair
Town of Apple Valley

Charley Glasper
City of Adelanto

Joe Gomez
City of Barstow

Robert Crain
City of Blythe

Ed Pack
City of Hesperia

Jeff Williams
City of Needles

Roy Wilson
County of Riverside

Paul Biane
County of San Bernardino

Neil Derry
County of San Bernardino

Brad Mitzelfelt
County of San Bernardino

John Cole
City of Twentynine Palms

Mike Rothschild
City of Victorville

Lori Herbel
Town of Yucca Valley

Barbara Cram Riordan
Public Member

COMMUNITY RELATIONS & EDUCATION OFFICE
www.mdaqmd.ca.gov
760.245.1661
14306 Park Avenue • Victorville, CA 92392-2301

MDAQMD WELCOMES FIVE NEW BOARD MEMBERS



CHANGES - Governing Board Member and Adelanto Mayor Charlie Glasper (right) listens intently as TXI Foreman Dave Salzborn explains recent modifications made to the plant. TAC Member Nancy Jackson of SCE (background) observes materials being moved on conveyor belts.



SAFETY FIRST - On April 29, the group donned proper safety gear before entering work areas of Pacific Gas & Electric's Topock Compressor Station.

The MDAQMD is proud to welcome a record five new members to its Governing Board for 2009. San Bernardino County Third District Supervisor Neil Derry, City of Twentynine Palms Councilmember John Cole, City of Barstow Mayor Joe Gomez, Town of Yucca Valley Councilmember Lori Herbel and City of Needles Mayor Jeff Williams were sworn in during the January 26 Governing Board meeting.

A tour to acquaint new and returning Board members with regulated facilities within the MDAQMD's jurisdiction was held on April 29th and 30th. Technical Advisory Committee and Hearing Board members joined Board Members as they toured High Desert Power Project in Victorville, TXI Riverside Cement in Oro Grande, Ft. Irwin National Training Center, Pacific Gas & Electric's Topock Station in Needles, and headed for home after touring the Metropolitan Water District's Gene Pumping Plant at Parker Dam, California.



LAST STOP ~ Governing Board, Hearing Board and TAC Members passed Parker Dam enroute to the Metropolitan Water District's Gene Pumping Plant- the final stop before returning to the District's offices in Victorville.

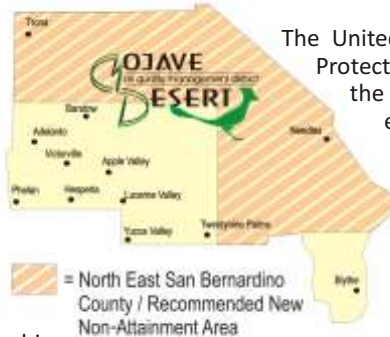
Above: Members view the lower shaft of an electric motor which is part of the circuit to transfer water from Havasu to the Los Angeles area.

STATE ADOPTS RECOMMENDATION TO REVISE MD OZONE NON-ATTAINMENT AREA DESIGNATIONS

On February 26, 2009, the California Air Resources Board adopted a recommendation to change the federal ozone designation for a substantial portion of the Mojave Desert Air Quality Management District from unclassified/attainment to non-attainment. This action was triggered by the recent reduction in the federal eight-hour ozone standard to 75 parts per billion (from 84 parts per billion), and by the fact that ozone readings measured in Trona during the last three years, were found to be in exceedance of the new standard. The new proposed design value for Trona is 80 parts per billion.

The proposed new federal ozone non-attainment area is that portion of San Bernardino County not currently classified as non-attainment for ozone, including Amboy, Baker, Cadiz, Mountain Pass, Needles, Parker Dam, Vidal Junction, most of the Mojave National Preserve, Fort Irwin, the Naval Air

Weapons Station at China Lake South Range, and Trona. The Palo Verde Valley portion of Riverside County is not affected by the proposed action.



The United States Environmental Protection Agency must review the State's proposal and is expected to take formal action by March 2010, which will start a planning clock for District actions. These actions include an attainment plan and the implementation of Reasonably Available

Control Technology on major sources of ozone precursors (oxides of nitrogen and volatile organic compounds) in the new non-attainment area. This means major sources located in these areas could expect to see new air quality rules that apply to boilers, internal combustion engines, turbines and other equipment.

For more information on the proposed designation revision or its potential impacts, contact Supervising AQ Engineer Alan De Salvio at (760) 245-1661 ext. 6726.



Get Cash for Scrap MDAQMD's Vehicle Buy Back Program COMING SOON!



The MDAQMD Governing Board recently approved the implementation of the MDAQMD's Voluntary Accelerated Vehicle Retirement Program, which will offer \$1,200 for qualified operating and registered 1988 and older vehicles. The program is expected to launch late this summer.

Eligible vehicles must be driven to the vehicle dismantler and must pass the most recent biennial Smog Checks required by the California DMV, along with the Vehicle Status and Qualification Requirements and the Vehicle Functional and Equipment Eligibility Inspection for participation in the VAVR Program.

Participation in the program is voluntary, and incentives will be awarded on a first-come, first-served basis until all available funds are exhausted.

Information on the VAVR Program will soon be available on the District's web site. Visit <http://www.mdaqmd.ca.gov> in the coming weeks and check under the "Incentive Programs" found in the "Grants" section, for a complete list of requirements.

Potential participants for the MDAQMD's VAVR Program may also contact Environmental Engineering Studies, Inc. at (800) 717-7624 or Roseana Navarro-Brasington at (760) 245-1661 ext. 5706 for more information.

MDAQMD RELEASES "THE ADVENTURES OF PARTI AND OZI" CURRICULUM

The Lewis Center for Educational Research recently worked with District staff to develop four standards-based air quality lesson plans designed for middle through high school students. "*The Adventures of Parti and Ozi*" is the title of this engaging, combination live action/animated lesson plan series, which is designed to help connect students with concepts such as the actual size of particulate matter, understanding other pollutants they might be exposed to, and how their density and concentration can dramatically impact their world.



"*The Adventures of Parti and Ozi*" air quality curriculum was developed by the LCER using funds awarded by the District from the settlement of air quality violations. The MDAQMD often recommends the implementation of a Supplemental Environment Project or "environmental component" as part of a penalty agreement for violations of air quality laws within the MDAQMD's jurisdictional boundaries.

Lesson objectives include understanding the density of air and identifying cleaner transportation options. Students can also create their own statistics about recycling in their classroom and design ways to make a concrete contribution in the fight against air pollution.

The lesson plans can now be accessed on the District's Web site at www.mdaqmd.ca.gov in the Air Quality section under the Education & Outreach, For Teachers.

Governor's Office of Planning & Research Releases Preliminary Draft CEQA Guidelines for GHG Emissions

The Governor's Office of Planning and Research recently released its preliminary draft CEQA guideline amendments, which once formally adopted, will guide public agencies on how to analyze the impacts of greenhouse gas emissions generated by new projects on the environment.

"California is a world leader in reducing greenhouse gas emissions in our fight against climate change," said the Governor's Office of Planning and Research Director Cynthia Bryant. "With these draft guidelines, OPR took a thoughtful approach to how greenhouse gas emissions can be addressed in a comprehensive and fair way, so that we can rebuild California's infrastructure and stimulate our economy while at the same time reducing our carbon footprint."

In 2007, the Governor signed SB97 by Senator Bob Dutton (R-Rancho Cucamonga). The bill's purpose is to advance a coordinated policy for reducing GHG emissions by directing OPR and the Natural Resources Agency to develop CEQA guidelines on how state and local agencies should analyze, and when necessary, mitigate GHG emissions.

Under SB97, OPR has until July 1, 2009 to submit proposed draft CEQA guidelines to the Natural Resources Agency. The Agency must then take the draft guidelines through a formal rulemaking process and adopt them as state regulation by January 1, 2010. OPR is releasing the draft guidelines ahead of schedule to allow additional time to address public comments and for the Natural Resources Agency to prepare the necessary documentation as part of its rulemaking process.

In June, OPR released its technical advisory, which was developed in consultation with the Natural Resources Agency, California Environmental Protection Agency and the Air Resources Board. Until the CEQA guidelines are adopted next January, this technical advisory provides a blueprint that public agencies can use to address GHG emissions within existing requirements of the CEQA statutes and guidelines.

For more information on the OPR preliminary draft CEQA guidelines and additional tools for public agencies, go to www.opr.ca.gov.

CoolCalifornia.org

Join millions of Californians already working to solve Global Warming and keep California Cool!

CoolCalifornia.org

Its mission is to provide businesses and all Californians with the tools they need to voluntarily reduce global warming.

Visit CoolCalifornia.org online and learn ways you can reduce your carbon footprint.





CALIFORNIA DESERT AIR WORKING GROUP



CDAWG

Don't miss the opportunity to be a part of this exceptional annual event! This year's conference will take place on October 21st & 22nd in Death Valley, California at the scenic Furnace Creek Inn & Resort. An exciting agenda has been developed and a block of rooms has been reserved (see opposite page) at a special early bird rate of only \$110 per night through September 20th.

CDAWG conferences are designed to appeal to anyone interested in obtaining technical information or training on timely, relevant air quality and regulatory issues. Whether you are an environmental professional or simply interested in professional development, CDAWG has something for **YOU!**

In fall 2008, more than 75 representatives of state and local air agencies and the regulated community took part in the 2008 California Desert Air Working Group conference in La Quinta, California. Conference highlights included a Risk Communication training session by Arnold Den, Senior Science Advisor for EPA Region IX, a keynote address by Dan Pellissier, Deputy Secretary for Energy Policy Coordination for CAL/EPA and a presentation on the importance of accurate AB2588 reporting by David Rib, Environmental Manager for Mitsubishi Cement. Proceeds from the conference benefit the Mojave Environmental Education Consortium, which links High Desert educators with standards-based environmental education resources at no charge.

Conference brochures will be mailed in early August. For more information as updated, visit www.mdaqmd.ca.gov or contact Violette Roberts at 760.245.1661 ext. 6104 or via email at vroberts@mdaqmd.ca.gov.

is coming...



SAVE-THE-DATE:

October 21 – 22, 2009



MDAQMD Executive Director Eldon Heaston welcomed CDAWG 2008 Conference attendees during the opening session.



Arnold Den Senior Science Advisor, USEPA Region IX, led a humorous and noteworthy workshop on Risk Communication during the 2008 CDAWG Conference in La Quinta, CA.

Bird Seed

(Translation: Food for Thought)



SEE YOU THERE !

(Translation: Beep-Beep)

See Page 5



CHECK OUT THE NEW & IMPROVED MDAQMD WEBSITE !

Visit www.mdaqmd.ca.gov today and check out our new format and user-friendly features!



CDAWG 2009 - PRELIMINARY AGENDA

Day One: Wednesday, October 21, 2009

- 8:00 Registration & Continental Breakfast
- 8:30 Welcome
Eldon Heaston, Executive Director, Mojave Desert AQMD
- 8:45 Regulatory Updates
- | | |
|---------------------------|----------------------|
| U.S. EPA | Imperial County APCD |
| California ARB | Kern County APCD |
| South Coast AQMD | Mojave Desert AQMD |
| Great Basin UAPCD | Antelope Valley AQMD |
| Bureau of Land Management | |
- 10:15 Break
- 10:30 Legislative Updates
Dane Wadle, Senate Republican Policy Consultant
- 11:15 "Air Quality Issues Related to Death Valley & the National Park System"
Mariah Tilman, Hydrological Technician, Death Valley National Monument
- 12:00 Adjourn to Field Tours
- 5:30 Hosted Reception
- 6:30 "Barbeque Under the Stars" - Date Grove at Furnace Creek Ranch



Register Early and Save –
To get the discounted Conference rate, simply complete the registration form and mail it with your check or money order **by September 20, 2009.**

Day Two: Thursday, October 22, 2009

- 8:00 Registration & Continental Breakfast
- 8:30 Keynote Address: "Alternative & Solar Energy: Powering Southern California's Future"
S. David Freeman, Deputy Mayor, Environmental Affairs, City of Los Angeles
- 9:15 "On Track to Greener Railroads for California"
Kirk Marckwald, Founder & Principal, California Environmental Associates
- 10:00 Break
- 10:15 Mojave Environmental Education Consortium Update
- 10:30 AB 32 Update
Presenter TBA, California ARB
- 11:15 "Emission Reduction Credit Creation in a Tight Market"
Samantha Unger, Director, California Emissions Markets, Evolution Markets, Inc.
- 12:00 Lunch On Your Own
- 1:30 "Desert Xpress Project & the Status of High Speed Rail in California"
Tony Penna, Vice-President, Project Management-Environmental, Inland Energy
- 2:15 EVR Phase II Update
Sam Oktay, Air Quality Engineer, Mojave Desert AQMD
- 3:00 Closing Remarks-Adjourn



CDAWG 2009

General Information

MEETING / HOTEL

CDAWG's 2009 Conference will be held at the scenic Furnace Creek Inn & Ranch Resort in Death Valley, CA. CDAWG's group rate is \$110.00 per night plus tax, single/double occupancy. The deadline to receive this rate is September 20, 2009.

The Furnace Creek Inn & Ranch Resort is situated in a lush oasis surrounded by the vast and arid desert of Death Valley National Park, California - just 120 miles northwest of Las Vegas, Nevada and 275 miles northeast of Los Angeles. The resort provides the perfect vantage point from which to explore Death Valley National Park!

The resort also presents a complete contrast to the desolate desert landscape and consists of an oasis 18-hole golf course (the world's lowest course at 214 feet below sea level), four restaurants, a saloon, a cocktail lounge, retail outlets, the Borax Museum, spring-fed swimming pools, tennis courts, horseback riding, horse-drawn carriage rides, massage therapy, and a 3,000 foot airstrip.

It has been said, "You can travel greater distances - but no place will take you further away."

Furnace Creek Inn & Ranch Resort
Highway 190, Death Valley, CA 92328
For reservations call
(760) 786-2345
Refer to "CDAWG Conference"
Ask for booking 176450

For more information about the Furnace Creek Inn & Ranch Resort, the surrounding area and local activities, visit their website:

www.furnacecreekresort.com



Shootin' the Breeze



MEET SHERI HAGGARD, ASSOCIATE AQ SPECIALIST

Sheri Haggard began working for the MDAQMD on October 10, 2008. Born and raised in the High Desert, Sheri has a great love for nature and anything outdoors. She graduated with a Bachelor of Science Degree in Biology from Cal State San Bernardino in 2007 and recently earned her Master of Science Degree in Environmental Science. Prior to arriving at the District Sheri held environmental positions at two High Desert cement facilities. Sheri states "I am truly grateful for the opportunities presented to me here at the air district, and could not have asked for a better set of folks to work with!"



For the third consecutive year, District Staff manned an education and outreach booth at the annual San Bernardino County Fair, which ran May 9th through the 17th. More than 12,000 visitors spun the District's Clean Air Wheel for Clean Air prizes and/or signed up for EnviroFlash at the Fair.

Congratulations



Roseana Navarro-Brasington has been promoted to Air Quality Engineer, effective April 2009. As part of her new duties Roseana will evaluate permit applications, work on Title V permits

and conduct engineering inspections.

Prior to her promotion, Roseana served as the District's Transportation and Small Business Coordinator since 2002 – **Congratulations Roseana!**

MDAQMD's Recyclables Support Local Girl Scout Troop Programs

By taking part in the City of Victorville's Business – Recycling Partnership, MDAQMD staff helps support the activities of Victorville Girl Scout Troop # 498. Every two weeks, Girl Scout leaders Christine McZeal or Cathryn Ontiveros stop by the District to collect recycled beverage containers staff members have deposited into a designated receptacle located in the MDAQMD's breakroom.



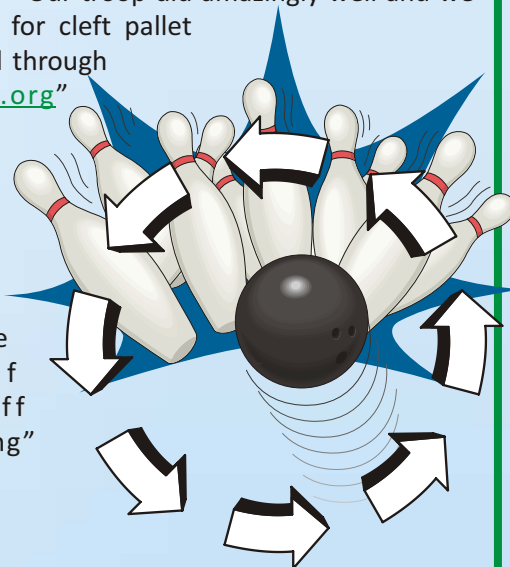
Members of Girl Scout Troop #498 enjoy a night out bowling, courtesy of MDAQMD recyclable donations.



Girl Scouts

Through this partnership, the troop has earned enough funds for the entire 11 member troop to enjoy fun outings to a drive-in movie and the bowling alley. Adds Troop Leader McZeal, "We are currently planning an end of the year outing to Raging Waters - funded through recycling." Customarily, Girl Scout troops are entirely self supporting and must earn money to fund their outings. Each year, the primary troop fundraisers are their fall product and cookie sales – which District staff is always happy to support. "Our troop did amazingly well and we were able to pay for cleft pallet surgery for a child through www.smiletrain.org" stated McZeal.

"We, as leaders, and especially the troop members, truly appreciate the support of MDAQMD staff through recycling" said McZeal.





New Intern: Orlando Salinas

All About the MDAQMD's Internship Program...

In partnership with Dr. Lal Mian of Cal State San Bernardino, the Advanced Environmental Health Class Internship Program has proved to be a valuable asset to the District's Engineering Department. The current Internship focuses on Emissions Inventory and Air Toxic Program projects, which entail preparing inventories, prioritization, and screening health risk assessments for dry cleaners, auto body refinishers, print shops, quarries, small mining facilities and more.

To be eligible for the internship program students must be working towards a degree in Engineering, Environmental Science, Chemistry,

Physics, Health Science, Industrial Hygiene, or Mathematics at Cal State San Bernardino and possess strong computer skills. Dr. Mian requires that his students complete a minimum 100 Internship hours.

Richard Wales has been the District's, acting on-site, supervision Engineer for the program since its inception in the early 1990's.

Orlando Salinas is the District's current Intern through Dr. Mian's program. His first day began on June 3rd. Orlando is a first generation graduate, who immigrated to the US as a teenager. He is also the dedicated father of a beautiful five year old little girl. After obtaining two degrees from Chaffey College, Orlando enrolled in Cal State's Environmental Health Science program in pursuit of a Bachelor of Arts Degree. "My goal is to obtain enough experience to qualify for an entry level position (here) with the District" stated Orlando, as he expressed excitement for his internship opportunity.

Employee Contributions Recognized On A Clean Air Day In May

National Clean Air Month has proven to be the perfect time to recognize District staff for a job well done. The District's annual Recognition Cookout returned to Schmitt Park at Southern California Logistics Airport on May 22, where employees were recognized for community involvement and years of service to the District after which staff served it up in a "friendly" game of volleyball. As in past year's, Executive Director Eldon Heaston's legendary bar-b-que proved to be the day's main event.



Air Quality Inspector Victor Ramirez (left) serves it up during the District's annual employee recognition cookout at Schmitt Park in Victorville at Southern California Logistics Airport. At right, staff volleys for the winning point.



Trio Bids District Farewell

On February 27, longtime husband and wife employee team Barbara & Bill Weese bid co-workers a fond farewell as they retired from the District. Barbara – who worked as an Air Quality Specialist in the Engineering section – transferred to the District from the County's Environmental Health Services division. Hired by the County in 1980, Barbara was one of the District's longest serving employees. Bill became an Air Quality Engineer for the District in 1994. Prior to his arrival at the MDAQMD, Bill worked for the San Joaquin Valley Unified APCD.

On March 10, District staff hosted a retirement luncheon for longtime Air Quality Specialist Patti Deer. Patti was first



Recent retiree Patti Deer (center) poses for a picture with her youngest grandson, as long time co-worker Richard Wales looks on, during her farewell luncheon sponsored by MDAQMD staff.

hired to work in the MDAQMD's Compliance section in 1991. In addition to her regular inspection duties, Patti was responsible for coordinating variances for the District's Hearing Board.

The District wishes its retirees well in their new lives!



MDAQMD Helps At-Risk Youth Make A "Uturn"

In January, CRE staff helped students create environmentally-themed science fair projects during nine workshops presented as part of the City of Victorville's Uturn Program, which is designed to divert elementary-aged youth from gang involvement by immersing them in productive after school activities. As a participating partner in the program, the District held the workshops at three Victorville elementary schools; Del Rey, Irwin and Sixth Street Preparatory. In addition to meeting Uturn program objectives, the workshops were aimed at increasing student participation in the District's annual Outstanding Environmental Science Project Awards competition, which takes place at schools District-wide each Spring.



MDAQMD Community Relations & Education Specialist Cindi Wray presented Environmental Science Fair Project Workshops at three local schools, to students in the City of Victorville's Uturn Program.

For more information on the Uturn Prevention Program, please contact the City of Victorville's Public Works Department at (760) 955-8813.

DISTRICT PRESENTS OUTSTANDING ENVIRONMENTAL SCIENCE PROJECT AWARDS AT LOCAL SCHOOLS



"Peanut Energy Power" proved to be a winner at the Mojave Vista School Science Fair in Victorville. The project was completed by Jodice Soto, a 4th grader who received a 2009 Outstanding Environmental Science Project Award for her project and a job well done!

The MDAQMD once again joined forces with the Mojave Desert Chapter of the Air & Waste Management Association, and the Mojave Environmental Education Consortium to present the 2009 "Outstanding Environmental Science Project Awards" at over 20 schools District-wide. Participating schools included Cameron School in Barstow, Hinkley School, Academy of Academic Excellence in Apple Valley, Columbia School in Adelanto and the Hesperia Unified School District event.

The purpose of the program – which is open to students in grades K-12 attending school in

the High Desert portion of San Bernardino County or Blythe – is to promote environmental education in local schools. District staff and MEEC representatives from local businesses and organizations participated in judging and recognizing local students who developed outstanding environmentally-themed projects for competition in local or regional school science fairs.



Pictured: 4th grader Jackson Bridges, a proud recipient of the 2009 Outstanding Environmental Science Project Award, at the Apple Valley Unified School District Science Fair on March 13.



100+ STUDENTS ATTEND YELC 2009

The MDAQMD and MEEC sponsored the 4th Annual **Youth Environmental Leadership Conference** on Saturday, March 28 at Victor Valley College. By nature, environment-based education is local. For that very reason and to recognize the High Desert's unique environment and concerns, this year's theme was **"Conservation Counts!"** Volunteers from MEEC, businesses and environmental organizations presented valuable workshops to over 100 students in the areas of air, energy, land, natural resources, healthy habitats and water conservation. The goal of the annual Conference is to empower students with the knowledge of their own ability to affect change in their homes, schools, and communities while encouraging them to become future "green" leaders. The Conference was open to students in grades 3 through 12 throughout the High Desert, including the Antelope Valley.



Keynote Speaker Sophie Angeles (above), an ARB California Climate Champion, motivated over 100 High Desert students to lead the way towards a "greener" future during the 4th Annual Youth Environmental Leadership Conference sponsored by MDAQMD & MEEC.



The Call Is Out for the 14th Annual Pollution Prevention Week Poster Contest

The Mojave Desert Air Quality Management District is hosting its 14th annual Pollution Prevention Week Poster Contest themed: "Air Care." The contest – which is co-sponsored by the Air & Waste Management Association's Mojave Desert Chapter, the Daily Press, and the Victor Valley Transportation Authority – is held each fall in commemoration of National Pollution Prevention Week.

Students District-wide ages 4 through 18 are encouraged to enter. The creators of twelve winning posters will be selected. First place winners will receive a \$100 Saving Bond, 2nd place will receive a \$75 Saving Bond, and 3rd and 4th place will receive a \$50 Saving Bond. This year, VVTA will donate two brand-new 10 speed bikes for a special bike drawing, which every student who enters the poster contest has a chance to win. Last year, Kole Green from Twentynine Palms was the lucky bike winner.

Winners and their immediate family will be invited to an awards ceremony in September. The winners along with their winning posters will also be featured in the MDAQMD's 2010 poster calendar set for release in December 2009. For more information contact the MDAQMD Community Relations & Education office at 760.245-1661 x 6717.

2009 Calendars featuring the 2008 P2 Pollution Prevention Week Poster Contest Winners are still available! For a free copy contact the MDAQMD Community Relations & Education office at 245-1661 ext. 6717 or stop by the District at 14306 Park Avenue in Victorville – while supplies last!

2008 Poster Contest Winners



Pictured: Bottom row (left to right) Vincent Gilley (4-7, 2nd Place), Kole Green (Bike winner), Benjamin Funk (4-7, 4th Place), Calista Owens (4-7, 3rd Place), Abigail Van Wyk (4-7, 1st Place), Claire McMahon (8-11, 4th Place); middle row (left to right) Diane Amon (8-11, 2nd Place), Jasmine Daffin (8-11, 3rd Place), Dustin Van Wyk (8-11, 1st Place), Isla Sullivan (12-18, 1st Place), Breeana Wagner (12-18, 3rd Place); top row (left to right) Debi Raymond VVTA Representative, Taylor Phares (12-18, 4th Place), Bryndal Van Wyk (12-18, 2nd Place), and Violette Roberts, MDAQMD Community Relations & Education Manager.

AIR QUALITY TEAM LEADER RUDY ENLISTS NEW RECRUITS



MDAQMD mascot Rudy enlisted new recruits to the Air Quality Team during Cameron Elementary School's Annual Science Day event in April.



The Mojave Desert Air Quality Management District Presents its 14th Annual Pollution Prevention Week Poster Contest



"AIR CARE"

What Can You Do for Cleaner Air?

You Could
Win A New
Bike!

Categories:

Ages 4 - 7 • Ages 8 - 11 • Ages 12 - 18

1ST PLACE WINNERS IN EACH CATEGORY WILL WIN A \$100 SAVINGS BOND!

2ND PLACE WINNERS WILL WIN A \$75 SAVINGS BOND!

3RD AND 4TH PLACE WINNERS WILL WIN A \$50 SAVINGS BOND!

Celebrate National Pollution Prevention Week 2009 - September 21 - 27

Contest Co-Sponsors:



DAILY PRESS



AIR & WASTE MANAGEMENT
ASSOCIATION

MOJAVE DESERT CHAPTER

2 Bikes to Give away!
1-Boys & 1-Girls donated by
Victor Valley Transit Authority

**POSTERS MUST BE POSTMARKED OR DELIVERED
NO LATER THAN 5:00 PM ON SEPTEMBER 11, 2009 TO:**

The Mojave Desert Air Quality Management District
14306 Park Ave., Victorville, CA 92392
For more information, call (760) 245-1661 ext. 6717
See last year's winners on line at:

www.mdaqmd.ca.gov

THE RULES

1. Create an **ORIGINAL** poster that demonstrates an action one can take to protect air quality and help everyone breathe easier.
2. Create your poster using an unlined 8 1/2" by 11" white piece of paper horizontally. Ex: ☐
3. Use crayons, colored pencils, pens, markers or watercolors only; **No chalk**.
4. Posters must be drawn free-hand; no tracing or pre-fabricated drawings will be accepted.
5. Securely tape a 3"x 5" card with your name, mailing address, telephone number, school, age and gender to the back of your poster. (**IF illegible your poster will be disqualified.**) Attach two cards if you submit your poster before September 1, 2009.
6. All entries will be judged on the basis of creativity, originality and relevance to theme.
7. All entries become the property of MDAQMD. Judges' decision is final.
8. Contest winners will be featured in the 2010 MDAQMD calendar and recognized during an award ceremony in September.

One Poster Entry Per Student - Each Entry is Automatically Entered Into A Drawing To Win A New Bike.
Entries Received Before September 1st Will Receive An Additional Entry Into The Bike Drawing!



DISTRICT DONATES ALTERNATE PATROL VEHICLES TO VVC CAMPUS POLICE

Victor Valley College's Campus Police Department has unveiled its latest weapons to deter campus crime – two three-wheeled, electric-powered Alternate Patrol Vehicles – also known as “T3's” – purchased with a grant awarded by the MDAQMD. Officers from VVC's police department showcased the zero-emission vehicles – which look like a cross between an ATV and a Segway on steroids – during a press conference held at the College in April.



Victor Valley College Board of Trustees President Joe Range (left) and MDAQMD Executive Director Eldon Heaston (right), pause for a quick photo op with Jon Schorle, VVC's Chief of Police (center). Range and Heaston could not resist the opportunity to test drive the college's latest vehicle additions – also known as “T3's.” The T-3's will replace two traditional gas powered vehicles and allow for an increase in police presence and mobility during sporting and community events.

Reaching speeds of up to 25 M.P.H., VVC's new T3's are high-performance vehicles with a compact design and a zero-degree turning radius, which means they can easily turn around inside an elevator. According to Jon Schorle, VVC's Chief of Police, the T3's are ideal for patrolling a college environment. “They are small enough to go inside a building, if needed, and non-intrusive on pathways and parking lots; they can also help us cut response time in half,” said Schorle.

Another important feature of the T3's is the accessibility and visibility they afford campus officers in interacting with students and the community. According to Schorle, “These vehicles are perfect for a college setting and significantly cheaper to operate than regular vehicles, at about 10 cents

per day of electricity. We will be using them to give us increased mobility during sporting and community events where crowds gather.” Schorle added that “The T3's are a welcomed tool in our quest for student safety and definitely fit the College's ideology for community policing efforts.”

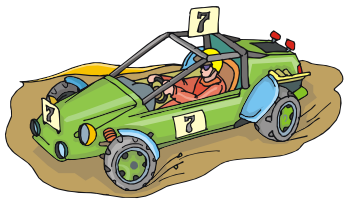
While the T3's are expected to help deter crime at VVC, they are also anticipated to significantly reduce air pollution emissions associated with conventional, gasoline-powered patrol cars used by Campus Police. Under the terms of the \$21,153 grant awarded to VVC by the MDAQMD for the purchase of the two zero-emissions vehicles, the police department will be removing two of their older, gasoline-fueled patrol cars from service. According to MDAQMD Executive Director Eldon Heaston, the vehicle swap represents a win-win proposition for VVC students and air quality alike. “The use of these quiet, environmentally-friendly T3's means two less patrol cars will be creating emissions and VVC officers will be able to respond to calls faster. With more than 60% of California's air pollution originating from mobile sources, such as cars, every reduction from this source we can make benefits the air we breathe.”

Additional emission reductions are anticipated from the T3's' highly energy-efficient electric motors, which get the equivalent of over 500 miles a gallon of gasoline per charge. Additionally, the T3's never require down time, due to each vehicle's two rechargeable, lightweight batteries that can be easily swapped out while in use for continual deployment and unlimited range.

Funding for the T3's was provided through a grant from the MDAQMD's AB2766 Competitive Grant Program, which utilizes a portion of funds allocated to the air district from motor vehicle registration fees to fund local projects that reduce mobile source emissions.

ARB OFFERS FREE IN-USE OFF ROAD DIESEL VEHICLE REGULATION TRAINING

The Air Resources Board has adopted a new In-Use Off-Road Diesel Vehicle Regulation to reduce NOx and PM emissions from existing off-road vehicles with a rating of 25 bhp or more used in construction, mining and other industries. The regulation requires fleet owners to report to ARB then retrofit, repower or replace their off-road diesel-fueled vehicles gradually over the next decade.



To assist fleet owners with their compliance efforts, ARB staff is conducting a series of half-day training seminars on the regulation. These sessions - several of which will be available via Webcast - will provide an in-depth presentation of the regulation and how to comply, as well as information regarding grant

opportunities. Participants will also have an opportunity to speak one-on-one with providers of exhaust retrofit devices. This training will repeat material covered in the first three rounds of training seminars conducted July 2008 through March 2009 and will also cover recent regulatory changes mandated by the State legislature.

To register for a training course, go to:

<http://www.arb.ca.gov/training/courses.php?course=504>

Permit Activity July 2008 — May 2009

Active Permits	3,843
Permitted Facilities	968
Number of Applications	503



REMINDER:



VAPOR RECOVERY

ADVISORY

APRIL 2009 PHASE II DEADLINE HAS PASSED

This advisory pertains to gasoline dispensing facilities with underground storage tanks. These GDFs were to be upgraded to Enhanced Vapor Recovery Phase II systems by April 1, 2009.

As of early June, according to CARB, roughly 90% of all stations either had the equipment installed or had reached an agreement with their local air quality boards to get the work done by Dec. 31.

GDFs located within the MDAQMD's boundaries which are not in compliance with the Phase II EVRs will need to obtain permits, purchase EVR Phase II equipment and arrange for installation by a certified contractor in less than two years. There are only two EVR Phase II systems currently certified for use in California. The suppliers are prepared to meet the equipment demand; however, there may be a potential shortage of certified contractors if GDF operators wait too long to install these systems.

Other EVR Phase II systems are currently being tested and could be available soon, but there is no guarantee that any system currently in the certification process will successfully complete all performance and legal requirements to obtain California Air Resources Board certification.

Penalties have been limited to \$1,000 for those stations who failed to meet the April 1st deadline; the idea behind the penalty limit is to avoid putting laggard stations out of business without awarding any of them a free pass for missing the deadline. After all, more than half of the stations in the state fulfilled their responsibilities on time.

CONTRACTOR TRAINING/CERTIFICATION REQUIREMENTS

Contractors who install EVR systems must receive required manufacturer training and/or certification. In addition, contractors will be required to obtain Installation Certified Contractor certification as an approved vapor recovery installer. Contractors will be required to provide proof of training/certification with District staff before beginning installation of EVR systems.

PERMIT REQUIREMENTS

Before beginning an EVR Phase II upgrade, you must apply for and receive an Authority to Construct permit for the District. For a GDF ATC application, or if you need of more information, please call the District office at 760-245-1661 or go to www.mdaqmd.ca.gov.

Detailed information on the EVR program can be found at the Air Resources Board web page: <http://www.arb.ca.gov/vapor/vapor.htm>.

Address Correction Requested

Printed on Recycled Paper



14306 Park Avenue • Victorville, CA 92392-2301

www.mdaqmd-ca.gov

PRSR STD
U.S. POSTAGE
PAID
EZ DIRECT